National University of Sciences and Technology (NUST)
School of Electrical Engineering and Computer Science

Department of Computing

SE-312: Software Construction

Class: BESE 9AB

Lab 02: DOM Manipulations

Date: 1st March 2021

Time: 09:00-11:50pm & 02:00-04:50pm

Instructor: Dr. Seema Jehan

Lab Engineer: Mr. Aftab Farooq

Lab 02: DOM Manipulations

Objectives

The objective of this lab is helping students to familiarize themselves with basic concepts of DOM Manipulations.

Tools/Software Requirement

Notepad, browser.

Helping Material:
Uploaded on LMS

Lab Tasks

Change the DOM game uploaded on LMS to follow these rules:

1. A player looses his ENTIRE score when he rolls two 6 in a row. After that, it's the next player's turn. (Hint: Always save the previous dice roll in a separate variable)

2. Add an input field to the HTML where players can set the winning score, so that they can change the predefined score of 100. (Hint: you can read that value with the .value property in JavaScript.)

3. Add another dice to the game, so that there are two dices now. The player looses his current score when one of them is a 1. (Hint: you will need CSS to position the second dice, so take a look at the CSS code for the first one.)

Solution
Task 1 Code: **Task 1 Output Screenshot:** **Task 2 Code:** **Task 2 Output Screenshot:** **Task 3 Code:** **Task 3 Output Screenshot:**

Deliverables

Compile a single word document by filling in the solution part and submit this Word file on LMS. This lab grading policy is as follows: The lab is graded between 0 to 10 marks. The submitted solution can get a maximum of 5 marks. At the end of each lab or in the next lab, there will be a viva related to the tasks. The viva has a weightage of 5 marks. Insert the solution/answer in this document. You must show the implementation of the tasks in the designing tool, along with your complete Word document to get your work graded. You must also submit this Word document on the LMS. In case of any problems with submissions on LMS, submit your Lab assignments by emailing it to Mr. Aftab Farooq: aftab.farooq@seecs.edu.pk.